

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

8 – 13 (Canceled)

14. (New) In a syringe-to-syringe system for mixing a two-component composition, a mixer for enabling mixing of the two component materials of the composition by introducing the material held by one syringe into the other and then repeatedly transferring the mixture of the two components back and forth between the two syringes, the mixer consisting only of a single molded piece having:

a generally flat, elongated main body with a first surface and a second opposing surface, and integral first and second ends;

said elongated main body and first and second ends being integrally formed of a flexible material so as to permit the first and second ends to serve as flap valves that will open and close in response to fluid pressure exerted on them;

said main body and integral first and second ends together being of a size and configuration adapted to be inserted and held between the tips of the two syringe when interconnected with one another;

said first end curving upwardly in an essentially continuous manner from the main body, and said second end curving in an opposite downward direction in an essentially continuous manner from the main body, so that when inserted between the tips of the two syringes of the syringe-to-syringe system, the first and second surfaces define first and second channels for interconnecting the two syringes; and

the first end controlling flow through the first channel in one direction only, and the second end controlling flow through the second channel in an opposite direction only, thereby permitting introduction of material held by one syringe into the other syringe and then repeatedly transferring the mixture of the two components back and forth between the two syringes.